LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

BULLETIN No 372

BORAX



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BORAX

OTTAWA, 18th May, 1917

J. U. VINCENT, Esq., K. C.

Deputy Minister of Inland Revenue,

Sir.

I beg to hand you a report upon fifty-five (55) samples of Borax purchased by our inspectors in October and November of last year.

This article is chiefly employed for laundry purposes, and most of the samples herein reported were and labelled as intended especially for such use.

Borax is, however, ve. gemployed as a food preservative, particularly in meats, meat products, butter and cream. It is also used as a mouth wash, as an eye-lotion, and for general antiseptic purposes. For such use, it should be free from more than traces of arsenic, and should, of course, be true to name.

An Order in Council of 24th Oct. 1912 (published as G. 1048) limits the amount of arsenic permissible in borax for use in foods, to 4 parts per million. Such a degree of purity is perhaps not to be expected in borax as employed for laundry purposes.

The addition of carbonate of soda to borax is only explicable on the assumption that the manufacturer desires to cheapen his product, or to mislead the purchaser with a view to enhanced profit to himself. Unless declaration of the presence of carbonate of soda is made at the time of sale, either by verbal statement or by statement on the label, such admixture must be regarded as adulteration under the Act. (section 3, (b))

Borax is quoted on the New York market on 5th May, 1917, at \$8.00 per 100 lbs; Bicarbonate of Soda, at \$1.95 per 100 lbs and Sal Soda, at \$1.05 per 100 lbs. (Metallurgical & Chemical Engineering, Vol. XVI, No. 10 p. 619)

It may be assumed that manufacturers intending to introduce borax into foods as a preservative, would not purchase the article without a guarantee of its freedom from arsenic; in other words, that borax as sold for laundry purposes should not be expected to meet the rigid standard set for borax as a food preservative.

A considerable number of the samples herein reported, are found to contain much more arsenic than 4 parts per million; some indeed showing from 50 to 100 parts per million. While an article of this quality may be decidedly objectionable or even dangerous, if employed in cream or butter, I have merely drawn attention to those cases in which excess of arsenic has been a found, without charging adulteration under tha Act. It may be sufficient to emphasize the fact that borax for food preservation, should be purchased with a trustworthy guaranty of purity, and that ordinary commercial borax is quite unfit for such a purpose.

The following synopsis of results, presents the matter of this report at

| a glance : | |
|---|----------|
| Found genuine, and without excess arsenic | samples. |
| Found genuine but with excess arsenic | |
| Found to contain carb. soda, declared 2 | 44 |
| Found to contain carb. soda without declaration and therefore | |
| adulterated | ** |
| _ | |
| Total55 | 66 |

I beg to recommend publication of this report as Bulletin No. 372

I have the honour to be, Sir,

Your obedient servant,

A. McGILL,

Chief Analyst.

rax into antee of ourposes ood pre-

to con-i0 to 100 ectionaawn atcharging t borax purity,

port at

nples.

| Date of Culturiton | | Nature | 1 | | Con | ı, | of Manufacturer as given by the | or Furnisher Vendor |
|--------------------|----|-------------------|-------|---|----------|------|---|--|
| | | Sample 5 | | Name and Address of Vendor | Quantity | ets. | Manufacturer | Furnisher |
| DISTRICT OF NOV | | | | | | | | |
| 1916 Nov. | 24 | Powdered Borax | 76351 | S. P. Courtney & Co., Halifax, N. S. R. B. Sector & Co., Halifax N. S. Kinicys Ltd., Halifax N.S. | 3 pkgs | 45 | Pure Gold Mgf. Co. Toronto Litater Pure Food Toronto Nat. D. & C. Co., Halifax | Bauld Bros Ltd., Hali- fax, Mfrs. |
| ** | 28 | ** | 70353 | N. S. Halifay N. S. | | 15 | Toronto | Ink, mire. |
| 80 | 20 | 66 | | | | 15 | Halifax Unknown | |
| ** | 29 | | 1 | Nat. Drug & Chem. Co., Halifax McLeod & Balcom, Halifax, N. S. | 66 | 15 | | iand Co., Montreal, N. D. &C. Co. Halifas |
| - 5 | | | | | DI | BTRI | OT OF NEW BRUI | |
| Oct. | 1 | Packaged Borax | 69546 | 2. Barkers Ltd., St. John N | 3 pkgs | 30 | 8. F. Lawrason & Co. London, Ont. | |
| 44 | 12 | 60 | 69547 | Nat. Drug & Chem. Co Ltd | ** | 00 | Vendors | |
| 44 | 18 | ** | 69546 | Nat. Drug & Chem. Co Ltd St. John, N. B. Boyd Bros, St. Stephen, N.B. | ** | 15 | Liteter Pure Food | |
| ** | 24 | 88 | | John McKnight, Fredericton N. B. | " | ** | Liteter Pure Food Co., Toronto Alpha Chem. Co. Kitchener, Ont. | |
| ** | 25 | ** | 69550 | J. B. Snowball Co., Ltd Cha- N. B. | ** | 30 | White Swan Co. Toronto | |
| | | | | | | ĎI | STRICT OF QUEB | SC CITY- |
| Oct. | 18 | Borax | 56817 | Jules Belanger, Beauport, | 3-4lb | 15 | Litatore | Langiois & |
| ** | 18 | | 56818 | Quebec Eugène Doucet & Cie, Beau- | 66 | 44 | Dr. Morin & Cie | Paradis N. Turcot- |
| - 44 | 19 | | 56819 | port, Quebec Jos. R. Giroux, St. Louis de Courville, Quebec | ** | ** | Alpha Chem. Co. | te |
| ** | 20 | 44 | 56820 | | 60 | 0.0 | White Swan, Ltd | Turcotte & |
| ** | 20 | ** | 56821 | Cantin & Prère, 271 rue St- Joseph, Quebec C. Bélanger, 102 rue du Pont | ** | 18 | Unknown | Prère Unknown |
| | | | | | DI | STR | OT OF THREE | RIVERS- |
| Oct. | 9 | Borag | 5457 | N. Provost, St-Gabriel, Bran- don | 3 pkgs | 12 | Chausede & Co. | |
| ** | 10 | " | 5460 | J. H. Debiois, St-Thomas. | ** | 15 | Ber Starch Co., | ******** |
| 41 | 10 | | 5462 | J. H. Debicis, St-Thomas, Joliette L. J. Poulette, St-Thomas, Joliette | | ** | Montréal | |
| 44 | 13 | ** | | Carignan Fils, Three Rivers | ** | ** | J. B. Renaud & Co. | |
| | 13 | 44 | | Bellefeuille Giroux, Three Ri- | | 64 | Quebec Herron Lebianc, Montreal | |

| | MALE BY A |
|--|------------|
| | POC 8 10 / |
| | WALL SHAPE |
| | |

Purnisher

OTIA —
auld Bros.
Ad. Hall-

imenbol-nd Co., ontreal. D.&C. o. Halifaz

CITY-

rcotte & ère aknown

| | Ro | cults of An | alysis | | | 11 | | |
|--|---|-------------|--------|-------|-------|--------------|--|--|
| Inspector's Report (Is not an expres- sion of opinion) | Description on Label | 100 | | | 0 | Number of 28 | Remarks and Opinio of the Chief Analyst | |
| R. J. WAUGH, INS | PECTOR | | | | | | | |
| | Guaranteed pure | | . 10 | | | 7685 | Genuine: with exer | |
| | Absolutely pure. | Approx. 3 | 5 2 | | | 76350 | Arsenie. | |
| | For laundry, bath & | | | | | 70950 | arsenie, Contains Carbonate soda. Adulterated Genuine | |
| | shampoo | | . 5 | | | 70354 | | |
| | | | . 8 | | | 76350 | Genuine | |
| OHN C. FERGUSO | ON, INSPECTOR | = | | | | | | |
| | | | 1 | 1 | · - | | | |
| | For laundry, mouth wash, etc, English Borax | Approx. 4 | 10 | ***** | | 00546 | soda, and excess a | |
| ************* | | ******** | | | | 00547 | Genuino | |
| ************** | | ******* | 100 | | | 69546 | Genuine, with gre | |
| | absolutely pure 'Compound' in small letters | Approx. 50 | 4 | | | 09540 | Contains carbonate | |
| | Refined powdered | ******** | 20 | | | 69550 | Genuine, with greences arrenic. Contains carbonate soda, marked "corpound" Genuine, with excearenic. | |
| . X. W. E. BEL | AND, INSPECTO | R | | | | | | |
| | beolutely pure | | 5 | ļ | | 50517 | Gequine | |
| | Borax en poudre | | 75 | | | 50618 | Genuine with gree | |
| *************************************** | 'Compound' in small letters | Approx. 40 | 5 | | | 50819 | contains Carbonate soda; marked "con pound". | |
| | Refined powdered | | 20 | | | 54820 | | |
| | borax | | 20 | | | 56821 | Genuine, with each arsenic. Genuine, with tare arsenic | |
| r. V. P. LAVALLE | E. INSPECTOR | | | | | | | |
| | ure Boraz, for washing | Present | Trace | | | 5457 | Contain. carbonate sods. Adulterated | |
| | 0 % pure | | 80. | | | 5460 | Genuine | |
| | 9%pure | 14.60 | 40 | 35.90 | 50.50 | 5402 | Contains Carbonate of sods, and excess as senic, Adulterated | |
| | ure Boraz | | Trace | | | 5472 | senic, Adulterated Genuine | |
| | ure ground Borax | None | None | 29.05 | 70.70 | 5474 | Genuine | |

| Nature of Sample | | Nature | Sample | | Cost | | of Manufacturer or | Name and Address of Manufacturer or Furnisher as given by the Vendor | | |
|------------------|----|-------------------|-----------|---|----------|------|--|--|--|--|
| | | of | Number of | Name and Adress of Vendor | Quantity | cts. | Manufacturer. | Furnishee | | |
| | | | | | | I | DISTRICT OF MON | TREAL - | | |
| 1916 Oct. | 11 | Borax | 74926 | H. R. Smith, Coteau junc- | 4 Pkgs | 10 | D. C. Brosseau & | | | |
| 44 | 11 | 68 | 74927 | tion, P. Q. O. Beriault, Coteau Junction | 3 | 15 | Co. | L. Chapu | | |
| Nov. | 8 | 44 | 74928 | P. Q. A. Charland, 345 Ont. St.,E. | 88 | 11 | Sultana Ltd. | L. Chapu & Pils. | | |
| 64 | 8 | ** | 74020 | Rosario Dosautela 424 Ont | ** | 46 | Bee Starch Co. | | | |
| ** | 8 | 40 | 74930 | St., E., Montreal P. E. Dery, 471 Ont. St., E. Montreal | " | " | Herron Leblanc | | | |
| | | | - | * | | | DISTRICT OF O | TAWA - | | |
| Oct. | 31 | Borax | 73747 | J. H. McKeen, 901 Bank St. | 3 Physic | 30 | Bee Starch Co. | | | |
| ** | 31 | ** | 73748 | Ottawa | " | " | Montreal Gorman Eckert & Co., Ltd, London, | | | |
| ** | 31 | 44 | 73749 | ** ** | | 15 | Ont. Sultana Ltd., | | | |
| Nov. | 1 | ** | 10100 | A. M. Parkinson Kemptville | | 15 | Montreal T. W. Chamberlin | ********* | | |
| " | 1 | | | | | | Prescott Ont. | | | |
| | | | 18109 | Wm. Cusick, Merrickville | | 15 | Toronto & Brock | | | |
| | Ì | | | | | 1 | DISTRICT OF KIN | GSTON - | | |
| Oct. | 18 | Borax | 73703 | E. Gregory Lindsay | 3 Pkgs | 15 | Vendor | | | |
| ** | 19 | ** | 73714 | 8. R. Artis, Believille | ** | 30 | Imp. Spice Co. | | | |
| 84 | 19 | ** | 73716 | H. C. Hampton, Belleville | ** | 30 | Gorman Eckert Co. | | | |
| 44 | 20 | " | 73724 | A. MacLean, Kingston | " | 44 | London, Ont. Pugaley Dingman & | | | |
| ** | 20 | 46 | 73725 | A. E. Donelly, Kingston | | 30 | Co., Toronto Sultana Ltd. | | | |
| | | | | | | | Montreal | | | |
| | _ | | | • | | | DISTRICT OF TO | ORONTO- | | |
| Oct. | 20 | Powdered Borax | 75488 | Jas. McKinlay, 237 Gerrard | 3 Pkgs | 15 | | Carter Dru | | |
| ** | 23 | Doine | 75489 | John Childs, 144 Queen St., | ** | 30 | Imp. Spice Co, Ltd. | Co. Ltd. 1 | | |
| 44 | 25 | 44 | 75491 | St., E. Toronto John Childs, 144 Queen St., E., Toronto The J. W. Lowes Co., Ltd., 90 Sherbourne St., Tor. Nicholeon & Barrie G. France | ** | 15 | Hamilton Vendors | | | |
| 44 | 25 | ** | 75492 | Nicholson & Brock, 9 Fran- cis St., Toronto | 44 | ** | | | | |
| ** | 25 | •• | 75493 | Dalton Bros, 11 Front St., E Toronto | ** | | ** | | | |
| | | | | | | DIST | TRICT OF MANU | гова — | | |
| Oct. | 24 | Borax | 75073 | L. J. Netherton, Minitonas | 3pkgs | 30 | Campbell Bros, and Wilson, Winnipeg | | | |
| 48 | 31 | ** | 75074 | Therien & Co., St Charles | ** | 30 | Blue Kibbon Co., | | | |
| ** | 19 | ** | 71898 | McDonald & Voygt Co., | | 15 | Winnipeg Gold Standard Co. | | | |
| 6.0 | 21 | ** | 71899 | Dauphin The Robe Timmins Co. Grand | | 30 | Winnipeg McLarens Ltd | | | |
| ** | 21 | | | View The Peoples Cash Store., Grand View | 44 | " | Winnipeg Cameron & Heap. | | | |
| | | | 1 2000 | Constant Courter, | | | Regina & Heap. | | | |

| | Rea | Results of Analysis | | | | | |
|--|--|-------------------------|--|---------------------------------|-------------------------|---|---|
| Inspector's Report (Is not an expres- sion of opinion). | | Carbonate of Soda | Arsenic pta. per 1,000,0000 | Water of Crystal- isation | Sodium Porate Na B O | Number of Sample | Remarks and Opinion of the Chief Analyst |
| D. J. KEARNEY, | INSPECTOR | | | | | | |
| | Guaranteed pure | 1 | Trace | | | 74926 | Genuine |
| | Absolutely pure | | 44 | | | 74927 | Genuine |
| ******* | Pure boraz | | Trace | | | 74928 | Genuine |
| ************** | . 99 per cent pure | 21.09 | None | 39.65 | 39.26 | 74929 | Contains Carbonate |
| | Pure ground borax | 8.60 | None | 35.10 | 56.30 | 74930 | Soda. Adulterated Contains Camboate of Soda. Adulterated |
| J. A. RICKEY, IN | SPECTOR | | | | | | |
| Bee Brand. 99% | 99 pc. pure | | Trace | | | 73747 | Genuine |
| Pulverised Pure Bo- rax Finest En- | Pulverized pure bo- | 14.37 | None | 34.50 | 51.13 | 73748 | Convains carbonate of soda. adulterated |
| Sultana Red Seal | Pure borax | | 25 | | | 73749 | Genuine, with excess |
| Pure Borax Pure | Pure borax | | 10 | | | 73754 | arsenic. Genuine, with excess |
| Golden Elk pure Borax | Pure borax | | 10 | | | 73759 | Genuine, with excess |
| J. A. RICKEY, A | CTING INSPECTO | R | | | | | |
| | | | | | | | |
| | Borax | | 20 | | | 73703 | Genuine, with excess |
| Household borax | Household borax | 23.33 | 20 None | 40.20 | 36.57 | | arsonic. Contains carbonate o |
| Household borax Finest English | Household borax powder Pulverized pure | 23.33 | | 40.20 35.90 | | 73714 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o |
| Finest English Double refined and concentrated. Ani- | Household borax powder Pulverized pure borax Analytically pure, | | None | | | 73714 73716 | Contains carbonate o |
| Finest English Double refined and | Household borax powder Pulverized pure borax Analytically pure, | | None None | | | 73714 73716 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana | Household borax powder Pulverized pure borax Analytically pure, Pure borax | | None None Trace | | | 73714 73716 73724 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine Genuine; with grea |
| Finest English Double refined and concentrated, Ani- lytically pure. Red Seal Sultana pure H. J. DAGER, INS | Household borax powder Pulverized pure borax Analytically pure, Pure borax | | None None Trace 190 | | | 73714 73716 73724 73725 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine Genuine, with grea- excess arsonic. |
| Finest English Double refined and concentrated, Ani- lytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered | 16.80 | None None Trace 190 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine Genuine, with grea- excess arsonic. Genuine, with excess arsonic |
| Finest English Double refined and concentrated, Ani- lytically pure. Red Seal Sultana pure H. J. DAGER, INS Refined Borax Household borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax powder | | None None Trace 190 | | 47.21 | 73714 73716 73724 73725 75488 75489 | Contains carbonate or Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with greated excess arsonic. Genuine, with excess arsonic contains carbonate of soda. Adulterated |
| Finest English Double refined and concentrated, Ani- lytically pure. Red Seal Sultana pure H. J. DAGER, INS Refined Borax Household borax Pure refined | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax powder Pure refined borax | 16.80 | None Trace 190 10 None Trace | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 | arsonic. Contains carbonate of Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with great excess arsonic. Genuine, with excess arsonic contains carbonate of soda. Adulterated Genuine |
| Finest English Double refined and concentrated, Ani- lytically pure. Red Seal Sultana pure H. J. DAGER, INS Refined Borax Household borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax powder Pure refined borax Pure borax | 16.80 | None None Trace 190 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 75492 | arsonic. Contains carbonate of Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with greateress arsonic. Genuine, with excess arsonic contains carbonate of soda. Adulterated |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax Household borax Pure refined Golden Elk pure Borax Daltons Improved | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax Pure refined borax Pure refined borax Pure borax | 16.80 | None Trace 190 10 None Trace 10 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 75492 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine Genuine, with grea excess arsonic. Genuine, with excess arsonic Contains carbonate o soda. Adulterated Genuine, with excess arsonic Genuine, with excess arsonic Genuine, with excess arsonic Genuine, with excess |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax Household borax Pure refined Golden Elk pure Borax Daltons Improved pure borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax Pure refined borax Pure refined borax Pure borax | 16.80 | None Trace 190 10 None Trace 10 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 75492 75493 | arsonic. Contains carbonate of Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with great excess arsonic. Genuine, with excess arsonic arbonate of soda. Adulterated Genuine, with excess arsonic genuine, where are genuine, where are genuine, where genuine, where genuine, where genuine, where genuine, where |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax Household borax Pure refined Golden Elk pure Borax Daltons Improved pure borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax Household borax Pure refined borax Improved pure borax IMPECTOR | 16.80 | None Trace 190 10 None Trace 10 8 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 75492 75493 | arsonic. Contains carbonate of Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with great excess arsonic. Genuine, with excess arsonic. Genuine, with excess arsonic Genuine |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax Household borax Pure refined Golden Elk pure Borax Daltons Improved pure borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax Pure refined borax Improved pure borax INSPECTOR Royal shield Borax Blue Ribbon. Pure | 16.80 | None None Trace 190 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75489 75491 75492 78493 | arsonic. Contains carbonate o Soda. Adulterated Contains carbonate o soda. Adulterated Genuine Genuine, with grea excess arsonic. Genuine, with excess arsonic Contains carbonate o soda. Adulterated Genuine, with excess arsonic Genuine, with excess arsonic Genuine, with excess arsonic Genuine, with excess arsonic |
| Finest English Double refined and concentrated, Anilytically pure. Red Seal Sultana pure H. J. DAGER, INS Redned Borax Household borax Pure refined Golden Elk pure Borax Daltons Improved pure borax | Household borax powder Pulverized pure borax Analytically pure, Pure borax PECTOR Refined powdered borax Household borax powder Pure refined borax Pure borax Improved pure borax INSPECTOR Royal shield Borax Blue Ribbon. Pure | 16.80 | None None Trace 190 10 None Trace 10 8 | 35.90 | 47.21 | 73714 73716 73724 73725 75488 75490 75491 75492 75493 75074 71898 | arsonic. Contains carbonate of Soda. Adulterated Contains carbonate of soda. Adulterated Genuine Genuine, with great excess arsonic. Genuine, with excess arsonic carbonate of soda. Adulterated Genuine Genuine, with excess arsonic Genuine Genuine, with excess arsonic Genuine |

BULLFTIN No 372_

| or Furnisher | Name and a of Manufacturer of as given by the | | Cost | | Bample | Nature | | Bection | |
|--------------|---|------|----------|--|--------|--------------|----|--------------|--|
| Furnisher | Manufacturer | cts. | Quantity | Name and Address of Vendor | | of Sample | | Date of Cel | |
| LBERTA- | DISTRICT OF A | | | | | | | | |
| l | Imp. Spice Co., | 30 | 3 pkgs | Cannon & Co. Carstairs | 52527 | Borax | 18 | 1916 Oct. | |
| | Hamilton No Vary Products | 86 | ** | J. B. Kelly, Carstairs | 52528 | 44 | 19 | 66 | |
| | Co., Toronto | 25 | | Davey Bros. Olds | 52529 | | 19 | - 44 | |
| | Pure Gold Mfg Co. | 30 | | W. M. Craig & Co., Olds | 52530 | 40 | 19 | | |
| | Georgeson & Co Ltd. Calgary | 30 | | Wm Hodge & Son, Innizfail | 52531 | | 19 | ** | |
| COUVER- | ISTRICT OF VAN | Di | | | | | | | |
| | Vendors | 45 | Showes | Owl Drug Co. Main & Has- | 55681 | Borax | 11 | Oct. | |
| | | 15 | " | ting Sta., Vancouver Vancouver Drug Co, 400 Has- ting St., Vancouver | 55682 | ** | 11 | ** | |
| | ** | 30 | | Pacific Drug Stores Ltd., 601 Hasting St., Vancouver | | | 11 | ** | |
| | | 66 | " | Georgia Pharmacy, Georgia & Granville St. Vanc. | 55682 | ü | 12 | ** | |
| | " | 85 | ** | & Granville St. Vanc. Broadway Pharmacy, Broadway & Granville St., V. | 55685 | | 12 | .,11 | |

| | | mults of A | Sample | * | | | |
|---|---|---|--------|--------|--------------|--|---|
| Inspector's Teport (Is not an expression of opinion) | Description on Label | Ourtonate of Soda Areanic pta. Per 1.00,000 Per 1.00,000 Our Ourton Our Ourton Our Ourtonate of Orystal | | Na B O | Number of Sa | Remarks and Opinion of the Ohief Analyst | |
| A. W. B. MARKI | LEY, IESPECTOR | | | | | | |
| Pure always good | Household Borax Powder | Present | 2 | | | 52527 | Contains Carbonate of Soda. Adulterated |
| Line at any a food | No-Vary Quality, Pulverized Always good. Pure borax | La. | 2 | | | 52527 | Contains Carbonate of sods. Adulterated |
| No vary Pure gold guaran- | Pure mid Down | | 10 | | | | Contains Carbonate of sods. Adulterated Genuine with excess |
| Fuxedo Brand pul- verised | quaranteed pure Tuxedo. Pulverized Borax | | 80 | | | | Genuine, with excess |
| C. E. EMES, INS. | PECTOR | | | | | | |
| | Borax | | Appro. | | 1 | EE401 | Genuine |
| ****** | Pure refined borax for laundry pur- poses. | | 40 | | | | Genuine |
| | For medicinal & Household purpo- | | " | | | 55683 | Genuine |
| | Pure refined borax for laundry | | ." | | | 55684 | Genuine |
| | 11 | | ** | | | 55685 | Genuine |